

1 We claim:

2 1. A homogenous composition comprising

3 (a) at least one fertilizer and

4 (b) at least one deposition or drift agent,

5 with the proviso that there is no silicone defoaming agent in the composition.

6 2. The composition as claimed in claim 1, wherein said fertilizer comprises

7 (a) a water soluble nitrogen-containing fertilizer,

8 (b) a water-insoluble nitrogen containing fertilizer,

9 (c) a non-nitrogen-containing fertilizer

10 (d) or a mixture thereof.

11 3. The composition as claimed in claim 1, wherein said deposition or drift agent is a

12 non-derivatized guar gum, cationic guar gum, non-cationic guar gum, or a polymeric

13 deposition agent, or mixtures thereof.

14 4. The composition as claimed in claim 1, which further comprises a pesticide.

15 5. The composition as claimed in claim 2, wherein said deposition or drift agent is a

16 non-derivatized guar gum, cationic guar gum, non-cationic guar gum, or a polymeric

17 deposition agent, or mixtures thereof.

18 6. The composition as claimed in claim 1, which further comprises a pesticide.

19 7. A homogenous composition comprising

20 (a) at least one fertilizer and

21 (b) at least one deposition or drift reducing agent wherein if a drift reducing agent

22 is used, said drift reducing agent is present in the amount of at least 12.5%

23 by weight based on the total weight of the composition.

24 8. The composition as claimed in claim 7, wherein said fertilizer is ammonium sulfate.

25 9. The composition as claimed in claim 7, wherein said deposition or drift reducing

26 agent is a non-derivatized guar gum, cationic guar gum, non-cationic guar gum,

27 or a polymeric deposition agent, or mixtures thereof.

28 10. The composition as claimed in claim 8, wherein said deposition or drift reducing

29 agent is a non-derivatized guar gum, cationic guar gum, non-cationic guar gum, or a

30 polymeric deposition agent, or mixtures thereof.

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1 11. The composition as claimed in claim 7, which further comprises a pesticide.

2 12. The composition as claimed in claim 10, which further comprises a pesticide.

3 13. A homogenous composition comprising

4 (a) at least one deposition or drift reducing agent

5 (b) at least one fertilizer

6 (c) at least 12.5% by weight of a silicone defoaming agent based on the total

7 weight of the composition

8 14. The composition as claimed in claim 13, wherein said fertilizer is ammonium sulfate.

9 15. The composition as claimed in claim 13, wherein said deposition or drift reducing

10 agent is non-derivatized guar gum, cationic guar gum, non-cationic guar gum, or a

11 polymeric deposition agent, or mixtures thereof.

12 16. The composition as claimed in claim 14, wherein said deposition or drift reducing

13 agent is non-derivatized guar gum, cationic guar gum, non-cationic guar gum, or a

14 polymeric deposition agent, or mixtures thereof.

15 17. The composition as claimed in claim 13, which further comprises a pesticide.

16 18. The composition as claimed in claim 16, which further comprises a pesticide.

17 19. A homogenous composition comprising

18 (a) at least one non-nitrogen-containing fertilizer.

19 (b) at least one deposition or drift reducing agent.

20 20. The composition as claimed in claim 19, which further comprises at least one

21 defoaming agent.

22 21. The composition as claimed in claim 19, wherein said fertilizer is mono-potassium

23 phosphate.

24 22. The composition as claimed in claim 20, wherein said fertilizer is mono-potassium

25 phosphate.

26 23. The composition as claimed in claim 19, wherein said deposition or drift reducing

27 agent is a non-derivatized guar gum, cationic guar gum, non-cationic guar gum, or a

28 polymeric deposition agent, or mixtures thereof.

29 24. The composition as claimed in claim 22, wherein said deposition or drift reducing

30 agent is a non-derivatized guar gum, cationic guar gum, non-cationic guar gum, or a

31 polymeric deposition agent, or mixtures thereof.

1 25. The composition as claimed in claim 19, wherein said defoaming agent is a silicone
2 based defoamer.

3 26. The composition as claimed in claim 24, wherein said defoaming agent is a silicone
4 based defoamer.

5 27. The composition as claimed in claim 19, which further comprises a pesticide

6 28. The composition as claimed in claim 26, which further comprises a pesticide.

7 29. A homogenous liquid composition consisting essentially of

8 (a) at least one oil and

9 (b) at least one deposition or drift reducing agent.

10 30. A composition as claimed in claim 29, which further consists essentially of at least
11 one oil thickener.

12 31. A composition as claimed in claim 29, which further consists essentially of at least
13 one emulsifier or surfactant.

14 32. The composition as claimed in claim 29, wherein said oil is mineral oil or paraffinic
15 petroleum.

16 33. The composition as claimed in claim 31, wherein said oil is mineral oil or paraffinic
17 petroleum.

18 34. The composition as claimed in claim 29, wherein said deposition or drift control
19 agent is a non-derivatized guar gum, cationic guar gum, non-cationic guar gum, or a
20 polymeric deposition agent, or mixtures thereof.

21 35. The composition as claimed in claim 33, wherein said deposition or drift control
22 agent is a non-derivatized guar gum, cationic guar gum, non-cationic guar gum, or a
23 polymeric deposition agent, or mixtures thereof.

24 36. The composition as claimed in claim 30, wherein said oil thickener is silicon based.

25 37. The composition as claimed in claim 29, which further consists essentially of a
26 pesticide.

27 38. The composition as claimed in claim 29, wherein there is less than 10% water.

28 39. The composition as claimed in claim 35, which further consists essentially of an oil
29 thickener which is silicon based.

30 40. The composition as claimed in claim 39, which further consists essentially of a
31 pesticide.

1 41. The composition as claimed in claim 40, wherein there is less than 10% water.

2 42. A homogenous liquid composition comprising

3 (a) at least one oil and

4 (b) a natural gum.

5 43. The composition as claimed in claim 40, wherein said natural gum is a non-

6 derivatized guar gum, cationic guar gum, non-cationic guar gum or mixtures thereof.

7 44. The composition as claimed in claim 43, wherein said oil is mineral oil or paraffinic

8 petroleum.

9 45. The composition as claimed in claim 44, which further comprises an oil thickener

10 which is silicon based.

11 46. The composition as claimed in claim 45, which further comprises a pesticide.

12 47. A homogenous liquid composition comprising

13 at least one oil and

14 a polyacrylamide polymer

15 with the proviso that there is less than 10% water present in the composition.

16 48. The composition as claimed in claim 47, wherein said oil is mineral oil or paraffinic

17 petroleum.

18 49. The composition as claimed in claim 48, which further comprises an oil thickener

19 which is silicon based.

20 50. The composition as claimed in claim 49, which further comprises a pesticide.

21 51. A homogenous liquid composition comprising

22 (a) at least one oil and

23 (b) a polymeric deposition agent

24 with the proviso that the polymeric deposition agent is not a polyacrylamide

25 polymer.

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